

CLAIMS

We claim:

1. An apparatus, comprising:

a mobile switching component that performs a barge-in that allows a first user to
5 communicate with a second user of a mobile communication device that is engaged in a
preexisting active call.

2. The apparatus of claim 1, wherein the mobile switching component
communicates one or more indications of the barge-in to the second user of the mobile
communication device.

10 3. The apparatus of claim 2, wherein the one or more indications comprise one or
more in-band indications of the barge-in, wherein the mobile switching component
cooperates with the mobile communication device to communicate the one or more in-band
indications of the barge-in to the second user of the mobile communication device.

4. The apparatus of claim 2, wherein the one or more indications comprise one or
15 more out-of-band indications of the barge-in, wherein the mobile switching component
cooperates with the mobile communication device to communicate the one or more out-of-
band indications of the barge-in to the second user of the mobile communication device.

5. The apparatus of claim 2, wherein the one or more indications comprise an entry indication and an exit indication, wherein the mobile switching component cooperates with the mobile communication device to communicate the entry indication to the second user upon a start of the barge-in;

5 wherein the mobile switching component cooperates with the mobile communication device to communicate the exit indication to the second user of the mobile communication device upon an end of the barge-in.

6. The apparatus of claim 1, wherein the preexisting active call comprises a preexisting active call between the mobile communication device and one or more additional communication devices;

wherein the mobile switching component performs the barge-in to allow the first user to participate in the preexisting active call between the mobile communication device and the one or more additional communication devices.

7. The apparatus of claim 6, wherein the mobile switching component
15 communicates one or more indications of the barge-in to the one or more additional communication devices.

8. The apparatus of claim 6, wherein the mobile switching component
communicates one or more indications of the barge-in to the mobile communication device
and the one or more additional communication devices.

20 9. The apparatus of claim 6, wherein the mobile switching component places one or more of the one or more additional communication devices on hold for a duration of the barge-in.

10. The apparatus of claim 1, wherein the mobile switching component receives an authorization code from the first user;

wherein the mobile switching component employs the authorization code from the first user to perform the barge-in.

5 11. The apparatus of claim 10, wherein the authorization code comprises one or more of:

one or more integrated services digital network user part (ISUP) messages; and
one or more digit patterns.

12. The apparatus of claim 1, wherein the mobile switching component employs
10 one or more priority user designations from the second user to perform a determination that the first user is a priority user;

wherein upon the determination that the first user is a priority user, the mobile switching component performs the barge-in to allow the priority user to communicate with the second user.

15 13. The apparatus of claim 1, wherein the mobile switching component receives a request to perform the barge-in from an operator that acts on behalf of the first user;

wherein the mobile switching component employs the request to perform the barge-in to allow the first user to communicate with the second user.

14. The apparatus of claim 1, wherein the mobile switching component comprises a home mobile switching center for the mobile communication device, wherein the home mobile switching center receives a request for the barge-in, the apparatus further comprising:

a visited mobile switching center for the mobile communication device;

5 wherein the home mobile switching center identifies the visited mobile switching center through employment of the home location register;

wherein the home mobile switching center and the visited mobile switching center cooperate to perform the barge-in to allow the first user to participate in the preexisting active call with the second user of the mobile communication device.

15. A method, comprising the step of:
performing a barge-in that allows a first user to communicate with a second user of a
mobile communication device that is engaged in a preexisting active call.

16. The method of claim 15, wherein the step of performing the barge-in that
5 allows the first user to communicate with the second user of the mobile communication
device that is engaged in the preexisting active call comprises the steps of:

determining that the first user is a priority user; and
bridging a call leg of the priority user with a call leg of the second user.

17. The method of claim 16, further comprising the step of:
10 identifying a visited mobile switching center that is synchronized with the mobile
communication device through employment of a home location register;
wherein the step of bridging the call leg of the priority user with the call leg of the
second user comprises the step of:
cooperating with the visited mobile switching center to bridge the call leg of the
15 priority user with the call leg of the second user.

18. The method of claim 15, further comprising the step of:
communicating one or more indications of the barge-in to the mobile communication
device.

19. The method of claim 15, wherein the preexisting active call comprises a preexisting active call between the mobile communication device and one or more additional communication devices, the method further comprising the step of:

5 placing one or more of the one or more additional communication devices on hold for
a duration of the barge-in.

20. An article, comprising:

one or more computer-readable signal-bearing media; and
means in the one or more media for performing a barge-in to allow a first user to participate in a preexisting active call with a second user of a mobile communication device.